

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Scheduled Inspection

N737151798

FACILITY: PENINSULA PRODUCTS INC.		SRN / ID: N7371
LOCATION: 54385 CEMETERY RD., LAKE LINDEN		DISTRICT: Upper Peninsula
CITY: LAKE LINDEN		COUNTY: HOUGHTON
CONTACT: Jason Sedar		ACTIVITY DATE: 12/11/2019
STAFF: Joe Scanlan	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Unannounced inspection to determine compliance with PTI# 149-04		
RESOLVED COMPLAINTS:		

Peninsula Products is located in Lake Linden, Houghton County, in a fairly rural area north of downtown. The facility consists of one building. This business offers concrete burial vaults for sale and provides cremation services (operating as Valley North Crematory Inc.)

PTI# 149-04 was issued for EU-Crematory, a Millennium III crematory incinerator. This unit has a secondary chamber (afterburner) set to operate at 1700 degrees F and has an operating range of 1600-2300 degrees F with a retention time of 1.32 seconds. The secondary chamber is equipped with a thermocouple connected to continuous chart recorder for monitoring the afterburner temperature.

INSPECTION

I arrived at the facility, however the Valley North Crematory entrance was locked and there was no answer at the door when announcing my presence. Per the sign on the door, I walked around the building to the Peninsula Products entrance, where there was a recently driven pickup truck parked outside. The mandoor was unlocked and I entered the structure into a maintenance garage. There was no answer when I announced my presence in the building. I did locate the incinerator (which was not in use) and verified that the unit was still in place and the temperature recorder was installed. I left the facility immediately and called Mr. Joosten with the phone number on file. I did not make contact with anyone, however I did leave a voicemail.

I was able to make contact with Mr. Jason Sedar who is now operating the facility. Mr. Sedar emailed me copies of the records I requested. Contact information has been updated in MACES.

PTI# 149-04

Emission Limits

Special Condition (SC) 1.1a -- Restricts PM emissions to 0.20 lbs/1000 lbs of exhaust gases. Test data submitted during permit evaluation shows PM emissions at 0.04 lbs/1000 lbs exhaust gases. Under ideal operation, the incinerator meets this emission limit.

Material Usage Limits

SC 1.2 Requires only pathological waste is burned (human/animal remains and anatomical parts and/or tissue; bags/containers used to collect and transport the waste material; animal bedding). The facility continues to burn only pathological waste.

Process/Operation Limits

SC 1.3 Facility shall not combust waste unless a minimum temperature of 1600 degrees F and a minimum retention time of 1.0 seconds in the afterburner are maintained; The continuous temperature chart recorder showed a consistent burn temp of approximately 1700 degrees F. The unit is designed to operate with a retention time of 1.32 seconds in the afterburner.

SC 1.4 Requires the incinerator only operate if installed, maintained, and operated in a satisfactory manner to control emissions. Per the continuous temperature chart recorder it appears the unit is being

Next to the spray booth is a phosphate solution spray booth and a sandblast booth. The phosphate booth cleans the steel to allow for a better bonding of the adhesive. The sandblast booth uses 70 grit aluminumoxide to also clean the metal parts to allow for better bonding. This booth has a dust collector and the emissions are released back into the plant, satisfying the Rule 285(l)(vi) conditions. The filter on the dust collection system is changed monthly.

SUMMARY: At the time of inspection I did not observed any violations and the facility appeared to be in compliance with Michigan Air Pollution Control Rules.

NAME Joseph Sculone
ES

DATE 4/23/20

SUPERVISOR *ES*